simpulia, which were placed, with the martyr's remains, in his tomb. In the catacombs at Rome such vials as a niche are the surest sign that a martyr was there deposited. Some of

historian, narrating the journey of Charles VIII. into Italy, mentions visiting Naples in 1495 and witnessing and examining the miracle of the liquefaction. In 1470 Angelo Catone, a physician of Salerno, wrote a brief but clear account of it. Francis Pic. Prince of Mirandol, one of the most remarkable men of the early rart of the sixteenth century, in his work, published in 1502, entitled "De Fide et Ordine Gredend." has not only left his testimony as an eyewiness, but also an argument sustaining the genuinences of the miracle.

Since the invention of printing and the multiplication of books there have been many accounts of it from travellers and authors published in every language in Europe. Ever since September, 1653, ten years after the opening of the new Testor chapel, an official diary has been kept in it, recording day by day the expositions of the relies; in what state and condition the blood was found when taken out of the dioset; after the lapse of what length of time the change, if any, occurred; what was its course and character; in what condition the blood was when safely replaced miracle of the liquefaction. In 1470 Angelo



15 Mills and 15 presence. On such occasions manses are celebrated successively until the liquefaction takes place. These distinguished personages had to wait as others waited, and were sometimes disappointed. Instances are given in which viceroys, nobles, and princes waited until they were tired out. Soon after their departure, when the faithful and fervent people might freely crowd the chapel and pray, the liquefaction would occur. In 1702, when Philip N., king of Spain, to whom Naules was then subject, was present at a special exposition of the relies, four masses were celevated during about two hours, and, no liquefaction having taken place, the King departed. But the people stayed, and at the sixth mass, just as the King had entered his carriage at the cathedral door, the blood liqueflei.

I have before me the narratives of the Earl of Perth, Lord thancellor of Scotland at the fall of the Stuarts, dated Feb. 1, 1899, and all written during the present century—of the distinguished historian. Frederick Hurter; of the liev, George Townsend, D. D., canon and pre-hendary of Durham; of Henri Cauvala, one of the editors of the Constitutionsed and author of several books; of the Rev. J. Spencer Northcote, M. A. of Corpus Christi College, brother of Sir Stafford Northcote; of the Rev. John Virtue, a convert from Anglicanism. secre-

worst; sometimes professed infideis and avowed enemies of all religion. How comes it that none of them at any time has ever discovered and made known the fraud?

The cretulous believers in the hypothesis of a trick have sought to guess at the way it is done, and have generally assigned the action of heat as the cause. But they have overlooked the fact that the liquefaction is often instantaneous; that the alleged heat would have to traverse two thicknesses of glass; that it cannot proceed from the officiating priest's hand, which is in contact only with the hollow handle of the reliquiary, and often it is on the altar, not in contact with it at all, nor from the lights on the altar, which are at least seven feet away from and above it, the only light brought near it being the little taper used for the purpose already mentioned. As for action of heat in the atmosphere, it is an ascertained fact that the blood liquifies all the same, and with as many attendant variations, in the months of Becember, when the temperature



by its dark color and position. But as no iquefaction, so far as I have read, takes place to interest the transfer of the consequence.

The facts gathered in these lines have been obtained from five articles written by the late Bishop of Charleston, the light liev. Dr. Lynch, for the take by the late Bishop of Charleston, the light liev. Dr. Lynch, for the take by the late Bishop of Charleston, the light liev. Dr. Lynch, for the take by the late bishop published in book form, and from Frederick Hurter's narrative taken from his book. "Geburt und Wiedergeburt," both, but particularly the former, covering the whole ground of fact and argument. Bishop Lynch witnessed the liquefaction six times when he noticed the presence of several Protestants. He was allowed to examine the records as much as he chose and to have a transcript made of the archiepiscopal ones.

It is certain that the people of Naples, whether of high or low degree, rich or poor, believe in the miraculous character of the liquefaction, and view its cessation or certain exceptional forms of appearance as indicating the wrath, of God against the city. Thus, from September, 1520, to May 1, 1520, many three years, the blood remained hard and solid without liquefying at any time. A terrible pestilence, which broke out in 1520, causing 10,000 deaths in the single year of 1529, and coming to an end only in the early months of 1529, coincides with the period of cessation mentioned. Again in 1551 and 1558 there was no liquefaction, of which Bishop Lynch furnishes such abundant particulars, may be added this summary, showing that these are as various as we can imagine and as remarkable as the fact itself. In May, 1714, during the octave, the blood showed very numerous changes, liquefying, hardening, and increasing in volume many times aday in an upusual manner. There are also notable differences of color on various days or parts of the same day. The diary registers them as height, beautiful vermilion, rubicuod, or, as dense or dark or bloods the same colored

Henri Cauvian is inaccurate in his description of the quantity of contents of the vial constaining politicles only, which he took to be one-third full; he was probably deceived by its dark color and position. But as no liquefaction, so far as I have read, takes place in that vial, this error in his observation is of no consequence.

The facts gathed in these lines have been after the second of the investment of the color of no consequence.

The facts gathed in these lines have been listen by the light live, by the color of the investment of the light live, by the light of the light live, by the light live, by the light in book form, and from Frederick Hurler's anaraive taken from his book. Geluart und Wiedergeburt, both, but particularly the forper, covering the whole ground of fact and argument. Bishop Lynch for the validate Wordelin N91-72 and since published in book form, and from Frederick Hurler's anaraive taken in N91-82, and the same allowed to examine the records as much as he chose and to have a transcript made of the archiepiscopal ones.

It is certain that the people of Naples, whether of high or low degree, tich or poor. Is liques in the miraculous character of the was allowed to examine the records as whether of high or low degree, tich or poor. It is to be done, but seeing that Mura was in earnest. The other lie out of whole cloth which has an early the company of the archiepiscopal ones.

It is certain that the people of Naples, whether of high or low degree, tich or poor. It is to be done, but seeing that Mura the produced the liquefaction as usual. The extensive circulation in France, and the content of the mode of liquefaction, of which Hishop the color of the archiepiscopal ones.

It is certain that the people of Naples, whether of high or low degree the liquefaction and the color of the archiepiscopal ones.

It is cortain that the people of Naples, whether of high or low degree the liquefaction and the color of the archiepiscopal ones.

It is cortain that the people of Naples and Camping the

see the processor or whose any rolls of the true class, containing the blood is kept in the wail and continue the roll of kept in the wail and the continue the roll of kept in the wail and the continue the roll of the roll

sin Siess, thon Bedford with 6.825, Norcestor, 4.805, least, 4.105, Surrey, 3.705, Kalter gradual diminution, till in Westmore and we find only 2 harres returned as under market cultivation.

Journal of the control of the control of the cultivation of the cultivation.

Langrishire, 1.275, and Edinburgh, 1.020, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with one acre— no more than in 1881, the list with the control of the list with one acre— no more than 1881, the list with the list w

WASTEFUL POUND NETS

THAT IN TEN TEARS HAVE SO HURT
THE FISHING IN NEW YORK BAY.

Score. Certainty, and Varied Bestructive ness of these Traps, which Spare Neither Large nor Small Fish—Will New Jerrey Enset a Law Against Their Use?

The agitation in New Jerser against the use of the wasteful pound nets along the coast is the natural outgrowth of a process which has nearly ruined the fishing in the last decade. Every angler who goes down to the lower bay or the waters about Staten Island knows that fishing has become steadily worse year by year, and attributes the decrease to these infernal traps, which scoop up everything which cannot escape through a lole an inch square. The bill which is being held by the Fisheries Committee of the New Jersey Assembly is a sweeping measure, drawn up by an angler and writtre upon fishing subjects of long experience. He framed it to stop the use of pounds. If yees, and stationary gilling next in the son. Had he been content to attack the pound nets alone, or the pound nets at sea and the fykes which stretch half way across the mouths of many of the rivers, his bill would have acroused less opposition from professional fishermen of Seabright and Galilee, the remnants of the hundreds who have been driven out of the bundreds who have bee scape through the meshes, and the pour are said to be envious of the loss of so



mechanisms which human ingenuity has brought to pass, a recent French writer declares that, as compared with any sort of a machine that can be named, an ordinary watch is a marvel. In proof of this, it is simply necessary to consider, he says, the few lacts which render the consummation of such an instrument possible—the spring actuating the parel, the motion of this being transmitted through three wheels to the escapement, whose wheel strikes the anchor, or the cylinder of the balance wheel at an average rate of \$0.00 lows per hour, with differences of from \$0.00 to \$0.00, ascording to the system; another goaring retards the motion transmitted to the hour hand in the ratio of their to one; all the motions of the instrument are discontinuous—effected in little canal image—the number of these absenceding two hundred million a year in certain watches. Again at the end of twenty years, a well-made watch and one that has not been disabled promaturely, must undergo a churge, but it is after several thousand willion of the little number have been made and all the escapement wheel has made teers of millions of revolutions. This handleraft is also irrespective of sum features as the chronegraph, record of dates, and minutes.

Prof. Stokes, the eminent scientist, has in a

Prof. Stokes, the eminent scientist, has in a most ingentious manner lately demonstrated the presence of suspended matter in flame. The way this is collectly proved its by concentration of the presence of suspended matter in flame. The way this is chearly proved its light is then acuttered by the addit particles in an extremely thin have both where the beam enters the flame and where it leaves it. It is polarized in the flame of reflection—an effect, however, which is not found in all flames—it being all sent for instance in that of a Bursee flame tinged with burning sodium. In the lattercase this seems to be due to the fact that the sodium is in the form of vapor, so of solid particles.